

Serial No. 10/017,584
Reply to Office Action of September 2, 2004

Docket No. HI-0048

Amendments to the Drawings:

The attached drawing includes changes to Fig. 5. This sheet replaces the original sheet. In Figure 5, Step 45 has been amended to correspond with the description in the specification.

Attachment: Replacement Sheet
Annotated Sheet Showing Changes

REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1-26 are pending in the present application with claims 1, 4, 5, 12, 15-20 and 25 having been amended by the present Amendment.

In the outstanding Office Action, the drawings and specification were objected to; claims 1-26 were rejected under 35 U.S.C. § 112, first paragraph; claims 1-4 were rejected under 35 U.S.C. § 102(b) as anticipated by Gusack; claims 12 and 13 were rejected under 35 U.S.C. § 102(e) as anticipated by Bates; and claims 1, 5, 6 and 9 were rejected under 35 U.S.C. § 102(e) as anticipated by Robertson.

Regarding the objection to the drawings, the specification has been amended to include a description of step 45 in Figure 5. Figure 5 has also been amended to clarify the features recited in step 45. Accordingly, it is respectfully requested the objection to the drawing be withdrawn.

Further, the specification has been amended in light of the comments on the outstanding Office action. Accordingly, it is respectfully requested this objection also be withdrawn.

Regarding the objection to claims 1-26 under 35 U.S.C. § 112, first paragraph, the Office Action indicates that the specification and claims make use of the term "field," "field

memory," and "memory area" and indicates these terms are not clearly defined or are used ambiguously. It is respectfully noted that the specification has been amended to use the terms "memory area," "groups" and "fields," which are shown in Figure 3, for example and recited in the claims. For example, Figure 3 illustrates a memory area including a first group for names, a second group for company names, a third group for home phone numbers, a fourth group for cellular phone numbers, etc. Also shown in Figure 3 are different fields for each group. For example, the name group includes a first field for Name 1, a second field for Name 2, etc. Original independent claim 20 also recites that the memory includes the plurality of data groups having a corresponding plurality of data fields. The other appropriate claims have also been amended to clarify these features. Accordingly, it is respectfully requested this rejection be withdrawn.

Turning now to the rejection of the claims over the applied art noted in the Office Action. Independent claims 1 and 12 have been amended to include some of the subject matter similar to that recited in dependent claim 5. For example, amended independent claim 1 is directed to a method for using a memory area in a mobile communication terminal including assigning a memory region to each of a plurality of data fields, designating an index number according to types of data in the memory region, and assigning a same index number to a plurality of data items in the plurality of data fields that belong to a same class.

In a non-limiting example, Figure 3 illustrates a plurality of groups such as a Name group, Company group, Home phone number group, etc. As shown, each group includes a plurality of data fields. For example, the Name group includes a Name field 1, a Name field 2, etc. Further, an index number is designated to each field in the corresponding data groups. Figure 3 also illustrates that a same index number is assigned to a plurality of data items in the plurality data fields that belong to a same class. For example, index 1 is assigned to the Name field 1 in the Name group, and index 1 is assigned to the Company field 1 in the Company group. Further, index 2 is assigned to the Name field 2 in the Name group and the first data field in the Home phone number group. Thus, according to the claimed invention, it is possible to classify personal information into a memory of a mobile phone by different identification items (for example, name, company, etc.). See also paragraph [40] of page 9, for example. That is, based on index 2, a user can easily save a Name of a friend, for example, and a Home phone number for the friend.

Regarding the subject matter recited in independent claim 5, the Office Action applies Robertson as teaching these features. In particular, the Office Action indicates Robertson teaches a common index and cites the customer IDs #420-421, 440-441, 440-443 in Figure 6.

However, Robertson actually teaches in Figure 6, a customer ID that is used to link information stored in various database tables (see column 5, lines 5-9, for example). That is, the customer ID is included in the affinity table 420, the customer table 440 and the friend table 460. The customer ID in Robertson is used so that there is linkages between individual data bases. The customer ID 420-21 is the same customer ID 420-4 in the affinity table 420. Similarly, the customer ID 440-441 is the same as the customer ID 440-2 in the customer database 440. Each of the data fields in the databases in Robertson et al. are not assigned the same index number as the present invention. That is, the affinity ID 420-2 in the affinity table 420 is not assigned the same index number as the customer ID. Rather, the customer ID 420-4 in the affinity table is used to link the user with the customer database 440 via the customer ID 440-2. Gusack and Bates also do not teach or suggest the claimed features.

Accordingly, it is respectfully submitted independent claims 1 and 12 and each claims depending therefrom patentably define over the combination of the applied references.

In addition, independent claims 15, 20 and 25 and the claims depending therefrom have not been rejected over any cited art. Accordingly, it is respectfully submitted these claims are also allowable.

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CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, **David A. Bilodeau**, at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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Fig. 5

